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Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	**Ms_AJEA_28710**
Title of the Manuscript:	**Influence of in-situ soil water conservation practices on growth, yield and economics of large cardamom under rainfed condition at North East India**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments		
Minor REVISION comments	Comments are contained in text Comments on Ms_AJEA_28710: Influence of in-situ soil water conservation practices on growth, yield and economics of large cardamom under rainfed condition at North East India Abstract: Line 7; to read as '.....carried out during 2015 -2016 rain fed cropping season at .....ICRI (written in full and put in parenthesis) Regional Research station..... Line 9; ....laid out in a Randomized ..... Lines 13-16: to read as 'In respect of .....large cardamom, significantly higher..... were recorded in trenches.... with biomass, followed by Line 18; to read as '.....filled with biomass, followed by..... Line 24; to read as '.....every clump, when compared with the control. Introduction: Line 33; to read as 'grown in tracks with... Line 38; to read as ' ..... It is a shade loving plant..... Line 47; to read as 'In recent years, ...' Lines to 53 52; to read as '..... period; particularly under terrace..... Line 57: to read as 'To increase moisture availability.....	

	Line 59: to read as '.....to increase infiltration by reducing rate of runoff.... Line 60; to read as 'impounding water on surface soil to increase opportunity time for infiltration' Line 61-62; to read as 'For improving growth and productivity .....' Lin 64; to read as 'The rain water harvesting techniques; like ....' Line 66; to read as' mulch, will help moisture conservation during .....” Lines 67 to 68; to read as ' To increase moisture availability to agricultural crops in the field, increase infiltration of water into the crop root zone, ...' Line 70; to read as ' and development in these lands, it needs.....' Line 71; to read as '.....compartment bunding, ...' Line 72; to read as ...'tied ridges, furrows and compartment bunding.....' Line 73; to read as '.... In the rainfed region, water harvesting .....' Lines 75 to76; to read as 'plant and animal materials; such as straw. .....tree leaves.....' Line 84; As excessive rainfall is shed drained the root zone, nutrient loss due to leaching is reduced. NOT UNDERSTOOD. What do you mean? Line 85; to read as '..... nutrients to the soil and improves physical, chemical and biological.....' Line 86; to read as '....properties of soil after decomposition; which ..... Lines 88-89: to read as '.....Organic mulch not only conserve soil moisture, but also increase soil nutrients....' Lines 89-92; Is cardamom soil, plant, community or what? This statement is not understood Lines 93-96: Make statement more explicit relative to what cardamom is.	

	Materials and Methods Line 98; to read as 'In the present investigation, attempt has been made to evaluate influence of .....' Why refer to cardamom as "Large Cardomom" this expression is very common in the article and creates confusion on what that implies. Line 107; a Randomized Complete Block Design OR Randomized Block Design? Which do you mean? Line 118; ....What is large cardamom plant; what of the small cardamom plant therefore? Line 126; (Figs. 1 & 2)..... Line 132; ..... recorded at monthly intervals..... Line 133; to read as 'Soil samples taken were obtained .....' Line 134; .....to read as 'Moist samples were weighed and dried in an oven for 24 hours at ...' Line 135; to read as ...'in drying to dry weight of soil, multiplied by....' Line 140; to read as '...statistically for interpretation ....' Results and Discussion Line 147-149; to read as '.....immature tillers (...) were in trenches across slope filled with biomass, followed by.....' Lines 149-151; to read as ....'Maximum number of mature tillers (...) were recorded in trenches across slopes filled with biomass...' Line 152; delete 'duly' Line 153; to read as '... (5.59), followed by....' Lines 154 -157; This sentence is too long and does not any discernable meaning. Re-write to convey meaning In the entire text, delete the word 'duly'. It has not helped in understanding deductions at all. Line 167; to read as 'With respect to soil moisture content, results show that all the soil moisture conservation practices were significant when compared with the control' (...).	

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	Line 172; to read as 'higher soil moisture compared with the control' Line 173; to read as 'Similar results were.....' Line 179; Do I understand this statement to imply 'highest costs involved treatment pits....' please re-write to convey meaning	
Optional/General comments	Well documented research	

Reviewer Details:

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